## APPENDIX H FWQG RATINGS BY PRACTICE AND OWNERSHIP



Streamside Management Zone (SMZ)			Ap	plicat	ion Ra	ating			E	ffecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- SMZ width; "undisturbed" strip	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	0	10	0	23	0	0	0	1	9	0	23
	Sub-Total	0	0	0	10	0	30	0	0	0	1	9	0	30
2- SMZ boundary clearly marked	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	1	1	0	8	1	22	0	0	0	2	9	0	22
	Sub-Total	1	1	0	8	1	29	0	0	0	2	9	0	29
3- Adequate ground cover maintained	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	0	10	0	23	0	0	0	0	10	0	23
	Sub-Total	0	0	0	10	0	30	0	0	0	0	10	0	30
4- Exclusion of heavy equipment in SMZ	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	1	10	0	22	0	0	0	1	10	0	22
	Sub-Total	0	0	1	10	0	29	0	0	0	1	10	0	29
5- Minimze soil disturbance	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	0	9	0	24	0	0	0	0	9	0	24
	Sub-Total	0	0	0	9	0	31	0	0	0	0	9	0	31
6- Exclusion of slash; pile and burning in SMZ	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	2	8	0	23	0	0	0	2	8	0	23
	Sub-Total	0	0	2	8	0	30	0	0	0	2	8	0	30
7- Avoid skidding in SMZ	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	1	9	0	23	0	0	0	1	9	0	23
	Sub-Total	0	0	1	9	0	30	0	0	0	1	9	0	30
Total SMZ Practice Rating		1	1	4	64	1	209	0	0	0	7	64	0	209

Planning for Roads			Ар	plicat	ion Ra	iting			Е	ffecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Minimize road construction	State	0	0	0	6	0	1	0	0	0	0	6	0	1
	Private	0	2	5	21	1	4	0	1	3	7	18	0	4
	Sub-Total	0	2	5	27	1	5	0	1	3	7	24	0	5
2- Locate/design roads to allow drainage	State	0	1	2	3	0	1	0	0	0	4	2	0	1
	Private	0	3	8	16	0	6	1	1	2	11	12	0	6
	Sub-Total	0	4	10	19	0	7	1	1	2	15	14	0	7
3- Avoid sustained excessive grades	State	0	0	0	6	0	1	0	0	0	0	6	0	1
	Private	0	1	7	19	0	6	1	0	3	6	17	0	6
	Sub-Total	0	1	7	25	0	7	1	0	3	6	23	0	7
4- Avoid road construction in unstable areas	State	0	0	0	6	0	1	0	0	0	0	6	0	1
	Private	0	0	1	24	0	8	0	0	0	3	22	0	8
	Sub-Total	0	0	1	30	0	9	0	0	0	3	28	0	9
5- Minimize number of stream crossings	State	0	0	1	0	0	6	0	0	0	1	0	0	6
	Private	0	0	1	10	1	21	0	0	0	1	11	0	21
	Sub-Total	0	0	2	10	1	27	0	0	0	2	11	0	27
6- Select appropriate stream crossing	State	0	0	1	0	0	6	0	0	0	1	0	0	6
	Private	0	0	0	10	1	22	0	0	0	1	10	0	22
	Sub-Total	0	0	1	10	1	28	0	0	0	2	10	0	28
7- Design crossings to handle peak runoff	State	0	0	1	0	0	6	0	0	0	1	0	0	6
	Private	0	0	1	9	0	23	0	0	0	1	9	0	23
	Sub-Total	0	0	2	9	0	29	0	0	0	2	9	0	29
Total Planning for Roads Practice Rating		0	7	28	130	3	112	2	2	8	37	119	0	112

Road Construction			Ар	plicat	ion Ra	ating			E	ffecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Limit road construction	State	0	0	0	5	0	2	0	0	0	0	5	0	2
	Private	0	0	4	25	0	4	0	0	1	5	23	0	4
	Sub-Total	0	0	4	30	0	6	0	0	1	5	28	0	6
2- Roads constructed to prevent debris	State	0	0	1	1	0	5	0	0	0	1	1	0	5
	Private	0	1	5	14	0	13	0	0	3	5	12	0	13
	Sub-Total	0	1	6	15	0	18	0	0	3	6	13	0	18
3- Adequate drainage provided	State	0	1	3	2	0	1	0	0	0	4	2	0	1
	Private	0	6	7	14	0	6	1	1	2	10	13	0	6
	Sub-Total	0	7	10	16	0	7	11	1	2	14	15	0	7
4- Dips, water bars and culverts constructed	State	0	1	2	3	0	1	0	0	0	4	2	0	1
	Private	0	6	5	13	0	9	1	1	2	9	11	0	9
	Sub-Total	0	7	7	16	0	10	1	1	2	13	13	0	10
5- Avoid constructing berms	State	0	1	2	3	0	1	0	0	0	3	3	0	1
	Private	0	3	7	17	0	6	1	0	2	8	16	0	6
	Sub-Total	0	4	9	20	0	7	1	0	2	11	19	0	7
Total Road Construction Practice Rating	<u> </u>	0	19	36	97	0	48	3	2	10	49	88	0	48

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Stream Crossing			Ар	plicat	ion Ra	ating			E	ffecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Minimize number of stream crossings	State	0	0	0	1	0	6	0	0	0	0	1	0	6
	Private	0	0	2	10	0	21	0	0	0	2	10	0	21
	Sub-Total	0	0	2	11	0	27	0	0	0	2	11	0	27
2- Crossings placed to minimize impacts	State	0	0	0	1	0	6	0	0	0	0	1	0	6
	Private	0	0	0	8	0	25	0	0	0	0	8	0	25
	Sub-Total	0	0	0	9	0	31	0	0	0	0	9	0	31
3- Culverts aligned w/grade of stream channel	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	0	9	0	24	0	0	0	0	9	0	24
	Sub-Total	0	0	0	9	0	31	0	0	0	0	9	0	31
4- Culvert protected against erosion	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	3	6	0	24	0	0	0	4	5	0	24
	Sub-Total	0	0	3	6	0	31	0	0	0	4	5	0	31
5- Approaches maintain consistent road grade	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	3	6	0	24	0	0	0	3	6	0	24
	Sub-Total	0	0	3	6	0	31	0	0	0	3	6	0	31
6- Culverts/other devices clear of debris	State	0	0	1	0	0	6	0	0	0	1	0	0	6
	Private	0	0	0	9	0	24	0	0	0	0	9	0	24
	Sub-Total	0	0	1	9	0	30	0	0	0	1	9	0	30
7- Crossings perpendicular to stream channel	State	0	0	0	1	0	6	0	0	0	0	1	0	6
	Private	0	0	1	9	0	23	0	0	0	1	9	0	23
	Sub-Total	0	0	1	10	0	29	0	0	0	1	10	0	29
Total Stream Crossing Practice Rating		0	0	10	60	0	210	0	0	0	11	59	0	210

Road Maintenance			Ар	plicat	tion Ra	ating			E	ffecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Avoid grading unless necessary	State	0	0	0	6	0	1	0	0	0	0	6	0	1
	Private	0	0	1	24	0	8	0	0	0	4	21	0	8
	Sub-Total	0	0	1	30	0	9	0	0	0	4	27	0	9
2- Avoid cutting toe-slopes	State	0	0	1	2	0	4	0	0	0	1	2	0	4
	Private	0	0	0	17	0	16	0	0	0	0	17	0	16
	Sub-Total	0	0	1	19	0	20	0	0	0	1	19	0	20
3- Avoid side-casting material into streams,	State	0	0	0	3	0	4	0	0	0	0	3	0	4
SMZs and other water bodies	Private	0	0	6	12	0	15	0	0	0	6	12	0	15
	Sub-Total	0	0	6	15	0	19	0	0	0	6	15	0	19
4- Avoid using roads during wet periods	State	0	0	1	6	0	0	0	0	0	1	6	0	0
	Private	0	0	11	13	1	8	0	0	0	11	14	0	8
	Sub-Total	0	0	12	19	1	8	0	0	0	12	20	0	8
5- Erosion control features maintained	State	0	0	0	5	0	2	0	0	0	0	5	0	2
	Private	1	1	2	17	0	12	1	0	2	2	16	0	12
	Sub-Total	1	1	2	22	0	14	1	0	2	2	21	0	14
Total Road Maintenance Practice Rating	•	1	1	22	105	1	70	1	0	2	25	102	0	70

Skid Trails			Аp	plicat	ion Ra	iting			F	ffecti	venes	s Ratiı	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Skid trails & skidding designed/located to	State	0	1	0	6	0	0	0	0	0	1	6	0	0
minimize soil disturbance	Private	0	1	6	23	0	3	1	1	2	4	22	0	3
	Sub-Total	0	2	6	29	0	3	1	1	2	5	28	0	3
2- Avoid skidding directly up/down steep	State	0	1	0	4	0	2	0	0	0	1	4	0	2
slopes	Private	0	3	3	23	0	4	1	1	0	6	21	0	4
	Sub-Total	0	4	3	27	0	6	1	1	0	7	25	0	6
3- Skid trails located away from drainages	State	0	0	1	5	0	1	0	0	0	1	5	0	1
	Private	0	0	5	24	0	4	0	1	1	5	22	0	4
	Sub-Total	0	0	6	29	0	5	0	1	1	6	27	0	5
4- Minimize skidding during wet periods	State	0	0	2	5	0	0	0	0	0	2	5	0	0
	Private	0	1	7	18	1	6	1	0	0	8	18	0	6
	Sub-Total	0	1	9	23	1	6	1	0	0	10	23	0	6
5- Water diversion devices installed to	State	0	1	1	4	0	1	0	0	0	2	4	0	1
prevent channelization and erosion	Private	0	4	6	16	0	7	0	0	3	7	16	0	7
	Sub-Total	0	5	7	20	0	8	0	0	3	9	20	0	8
6- Locate skid trails outside of SMZs	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	2	14	0	17	0	0	0	2	14	0	17
	Sub-Total	0	0	2	14	0	24	0	0	0	2	14	0	24
7- Appropriate skidding method	State	0	0	1	6	0	0	0	0	0	1	6	0	0
	Private	0	1	4	26	0	2	0	0	2	8	21	0	2
	Sub-Total	0	1	5	32	0	2	0	0	2	9	27	0	2
Total Skid Trails Practice Rating		0	13	38	174	1	54	3	3	8	48	164	0	54

Landings			Аp	plicat	tion Ra	ating			E	Effecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Located away from natural drainages;	State	0	0	1	5	0	1	0	0	0	1	5	0	1
3-10% slopes	Private	0	0	2	29	0	2	0	0	0	6	25	0	2
	Sub-Total	0	0	3	34	0	3	0	0	0	7	30	0	3
2- Locate landings to avoid skidding down	State	0	0	0	6	0	1	0	0	0	0	6	0	1
and across drainages	Private	0	0	3	28	0	2	0	0	1	5	25	0	2
	Sub-Total	0	0	3	34	0	3	0	0	1	5	31	0	3
3- Minimize number and size of landings	State	0	0	0	7	0	0	0	0	0	0	7	0	0
	Private	0	0	1	31	0	1	0	0	0	4	28	0	1
	Sub-Total	0	0	1	38	0	1	0	0	0	4	35	0	1
4- Landings located outside SMZs	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	1	14	1	17	0	0	0	1	15	0	17
	Sub-Total	0	0	1	14	1	24	0	0	0	1	15	0	24
5- Landings returned to natural condition	State	0	0	2	5	0	0	0	0	0	2	5	0	0
	Private	0	3	5	20	0	5	0	2	0	5	21	0	5
	Sub-Total	0	3	7	25	0	5	0	2	0	7	26	0	5
Total Landings Practice Rating		0	3	15	145	1	36	0	2	1	24	137	0	36

Timber Harvesting			Ap	plicat	ion R	ating			E	Effecti	venes	s Ratiı	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Avoid excessive soil compaction	State	0	0	0	7	0	0	0	0	0	0	7	0	0
	Private	0	0	0	32	0	1	0	0	0	2	30	0	1
	Sub-Total	0	0	0	39	0	1	0	0	0	2	37	0	1
2- Avoid use of ground-based equipment	State	0	0	0	0	0	7	0	0	0	0	0	0	7
within SMZ	Private	0	0	0	14	0	19	0	0	0	0	14	0	19
	Sub-Total	0	0	0	14	0	26	0	0	0	0	14	0	26
3- Utilize harvest system best suited to	State	0	0	1	6	0	0	0	0	0	1	6	0	0
topography	Private	0	2	3	27	1	0	1	1	1	4	26	0	0
	Sub-Total	0	2	4	33	1	0	1	1	1	5	32	0	0
4- Avoid use of skidder blade for braking	State	0	1	0	1	0	5	0	0	0	1	1	0	5
	Private	0	0	1	26	0	6	0	0	1	1	25	0	6
	Sub-Total	0	1	1	27	0	11	0	0	1	2	26	0	11
5- Adequate drainage structures installed	State	0	1	1	4	0	1	0	0	0	2	4	0	1
prior to operations	Private	0	6	4	11	0	12	0	2	2	6	11	0	12
	Sub-Total	0	7	5	15	0	13	0	2	2	8	15	0	13
6- Minimze slash/prevent excessive waste;	State	0	0	0	7	0	0	0	0	0	0	7	0	0
adhere to utilization standards	Private	1	5	10	16	0	1	0	1	1	12	17	1	1
	Sub-Total	1	5	10	23	0	1	0	1	1	12	24	1	1
7- Reduce/minimize soil in slash; use	State	0	0	1	6	0	0	0	0	0	1	6	0	0
brush blades for piling	Private	0	0	3	27	0	3	0	0	0	6	24	0	3
	Sub-Total	0	0	4	33	0	3	0	0	0	7	30	0	3
8- Avoid piling and burning slash in SMZ	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	2	12	0	19	0	0	0	2	12	0	19
	Sub-Total	0	0	2	12	0	26	0	0	0	2	12	0	26
9- Locate skid trails to minimize damage	State	0	0	0	4	0	3	0	0	0	0	4	0	3
	Private	0	0	3	24	0	6	0	0	1	1	25	0	6
	Sub-Total	0	0	3	28	0	9	0	0	1	1	29	0	9
Total Timber Harvesting Practice Rating		1	15	29	224	1	90	1	4	6	39	219	1	90

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Site Preparation, Regeneration & Revegetation	on		Ар	plicat	ion Ra	ating			E	Effecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Slash disposed/treated to ensure	State	0	0	1	2	0	4	0	0	0	0	3	0	4
optimal conditions for regeneration	Private	0	1	7	20	0	5	0	0	1	4	22	1	5
	Sub-Total	0	1	8	22	0	9	0	0	1	4	25	1	9
2- Scarify soil for successful regeneration	State	0	0	0	7	0	0	0	0	0	0	7	0	0
	Private	0	0	0	27	0	6	0	0	0	1	26	0	6
	Sub-Total	0	0	0	34	0	6	0	0	0	1	33	0	6
3- Residual stocking adequate and best	State	0	0	1	6	0	0	0	0	0	1	6	0	0
suited to site conditions	Private	0	2	4	19	1	7	1	1	1	3	20	0	7
	Sub-Total	0	2	5	25	1	7	1	1	1	4	26	0	7
4- Roads, cuts, fills revegetated and/or	State	0	0	2	3	0	2	0	0	1	2	2	0	2
stabilized	Private	0	2	8	15	0	8	0	0	1	7	17	0	8
	Sub-Total	0	2	10	18	0	10	0	0	2	9	19	0	10
Total Site Prep, Regen & Reveg Practice Ratin	g	0	5	23	99	1	32	1	1	4	18	103	1	32

Chemical Management			Ар	plicat	ion Ra	iting			E	ffecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Containers/facilities located outside SMZ	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	0	6	0	27	0	0	0	0	6	0	27
	Sub-Total	0	0	0	6	0	34	0	0	0	0	6	0	34
2- Instructions, guidelines and laws followed	State	0	0	0	0	0	7	0	0	0	0	0	0	7
when using pesticides, other chemicals	Private	0	0	0	3	0	30	0	0	0	0	3	0	30
	Sub-Total	0	0	0	3	0	37	0	0	0	0	3	0	37
3- Avoid mixing, fueling, servicing equipment	State	0	0	0	0	0	7	0	0	0	0	0	0	7
near streams, SMZ, waterbodies	Private	0	0	1	6	0	26	0	0	0	1	6	0	26
	Sub-Total	0	0	1	6	0	33	0	0	0	1	6	0	33
4- Avoid draining used petro-fuels on ground	State	0	1	0	2	0	4	0	0	0	1	2	0	4
	Private	0	0	1	10	0	22	0	0	0	1	10	0	22
	Sub-Total	0	1	1	12	0	26	0	0	0	2	12	0	26
Total Chemical Management Practice Rating		0	1	2	27	0	130	0	0	0	3	27	0	130

Prescribed Fire			Аp	plicat	ion Ra	ating			E	Effecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Burn plan prepared prior to burning	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	0	4	0	29	0	0	0	0	4	0	29
	Sub-Total	0	0	0	4	0	36	0	0	0	0	4	0	36
2- Fireline construction follow contours and	State	0	0	0	0	0	7	0	0	0	0	0	0	7
minimize soil disturbance	Private	0	0	0	4	0	29	0	0	0	0	4	0	29
	Sub-Total	0	0	0	4	0	36	0	0	0	0	4	0	36
3- Minimize burn impact to minimize damage	State	0	0	0	1	0	6	0	0	0	0	1	0	6
o residual vegetation and soil	Private	0	0	0	13	0	20	0	0	0	0	13	0	20
	Sub-Total	0	0	0	14	0	26	0	0	0	0	14	0	26
4- Avoid piling/burning slash in SMZ, lakes,	State	0	0	0	0	0	7	0	0	0	0	0	0	7
reservoirs and other waterbodies	Private	0	0	0	13	0	20	0	0	0	0	13	0	20
	Sub-Total	0	0	0	13	0	27	0	0	0	0	13	0	27
5- Minimze amount of soil and other material	State	0	0	0	3	0	4	0	0	0	0	3	0	4
n slash piles	Private	0	0	1	16	0	16	0	0	0	1	16	0	16
	Sub-Total	0	0	1	19	0	20	0	0	0	1	19	0	20
6- Avoid burning on steep slopes	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	3	10	0	20	0	0	0	3	10	0	20
	Sub-Total	0	0	3	10	0	27	0	0	0	3	10	0	27
Total Prescribed Fire Practice Rating		0	0	4	64	0	172	0	0	0	4	64	0	172

Forested Wetlands			Ар	plicat	ion R	ating			E	ffecti	venes	s Rati	ng	
	Ownership	1	2	3	4	5	NR	1	2	3	4	5	6	NR
1- Avoid roads, trails and landings in wetlands	State	0	0	0	0	0	7	0	0	0	0	0	0	7
	Private	0	0	0	6	0	27	0	0	0	0	6	0	27
	Sub-Total	0	0	0	6	0	34	0	0	0	0	6	0	34
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2- Avoid fueling or servicing equipment in	State	0	0	0	0	0	7	0	0	0	0	0	0	7
wetlands	Private	0	0	0	5	0	28	0	0	0	0	5	0	28
	Sub-Total	0	0	0	5	0	35	0	0	0	0	5	0	35
3- Avoid using equipment in open water,	State	0	0	0	0	0	7	0	0	0	0	0	0	7
seeps and springs	Private	0	0	0	5	0	28	0	0	0	0	5	0	28
	Sub-Total	0	0	0	5	0	35	0	0	0	0	5	0	35
				.,	.,			·····				.,		
4- Conduct harvesting when ground is	State	0	0	0	0	0	7	0	0	0	0	0	0	7
frozen, snow covered or dry periods	Private	0	0	0	4	0	29	0	0	0	0	4	0	29
	Sub-Total	0	0	0	4	0	36	0	0	0	0	4	0	36
5- Keep open water free from slash	State	0	0	0	0	0	7	0	0	0	0	0	0	7
o recep open water nee nom olden	Private	0	0	2	2	0	29	0	0	0	2	2	0	29
	Sub-Total	0	0	2	2	0	36	0	0	0	2	2	0	36
			,		.,			······				.,		
6- Adequate drainage to minimize changes in	State	0	0	0	0	0	7	0	0	0	0	0	0	7
water flows	Private	0	0	0	2	0	31	0	0	0	0	2	0	31
	Sub-Total	0	0	0	2	0	38	0	0	0	0	2	0	38
7- Minimize rutting in wetlands	State	0	0	0	0	0	7	0	0	0	0	0	0	7
<u> </u>	Private	0	0	0	4	0	29	0	0	0	0	4	0	29
	Sub-Total	0	0	0	4	0	36	0	0	0	0	4	0	36
8- Utilize low ground pressure equipment	State	0	0	0	0	0	7	l 0	0	0	0	0	0	7
o- otilize low ground pressure equipment	Private	0	0	0	1	0	32	0	0	0	0	1	0	32
	Sub-Total	0	0	0	1	0	39	0	0	0	0	1	0	39
	Oub-10tui	i <u>V</u>	i <b>y</b>	.i <b>v</b>	.i	i <b>y</b>		IУ	i <b>V</b>	i <b>V</b>	i <b>v</b>	.i	iV	.i <u></u>
9- Avoid skidding through open meadows	State	0	0	0	0	0	7	0	0	0	0	0	0	7
and wet areas	Private	0	0	0	4	0	29	0	0	0	0	4	0	29
	Sub-Total	0	0	0	4	0	36	0	0	0	0	4	0	36
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10- Divert runoff from roads, trails and	State	0	0	0	0	0	7	0	0	0	0	0	0	7
andings to reduce silting of wetland areas	Private	0	0	2	1	0	30	0	0	0	2	1	0	30
	Sub-Total	0	0	2	1	0	37	0	0	0	2	1	0	37
Total Forested Wetlands Practice Rating		0	0	4	34	0	362	0	0	0	4	34	0	362